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TABLE 1

```
MPPKTPRKTAATAAAAAEPPAPPPPPPEEDPE
                                             (34)
QDSGPEDLPLVRLEFEETEEPDFTALCQKLKIPDHVRERA
                                             (74)
WLTWEKVSSVDGVLGGYIQKKKELWGICIFIAAVDLDEMS
                                             (114)
FTFTELQKNIEISVHKFFNLLKEIDTSTKVDNAMSRLLKK
                                             (154)
                                             (194)
YDVLFALFSKLERTCELIYLTQPSSSISTEINSALVLKVS
WITFLLAKGEVLQMEDDLVISFQLNLCVLDYFIKLSPPML
                                             (234)
LKEPYKTAVIPINGSPRTPRRGQMRSARIAKQLENDTRII
                                             (274)
EVLCKEHECNIDEVKNVYFKNFIPFMNSLGLVTSNGLPEV
                                             (314)
ENLSKRYEEIYLKNKDLDARLFLDHDKTLQTDSIDSFETQ
                                             (354)
                                             (394)
RTPRKSNLDEEVNVIPPHTPVRTVMNTIQQLMMILNSASD
                                             (434)
QPSENLISYFNNCTVNPKESILKRVKDIGYIFKEKFAKAV
GQGCVEIGSQRYKLGVRLYYRVMESMLKSEEERLSIQNFS
                                             (474)
KLLNDNIFHMSLLACALEVVMATYSRSTSQNLDSGTDLSF
                                             (514)
                                             (554)
PWILNVLNLKAFDFYKVIESFIKAEGNLTREMIKHLERCE
HRIMESLAWLSDSPLFDLIKOSKDREGPTDHLESACPLNL
                                             (594)
                                             (634)
PLQNNHTAADMYLSPVRSPKKKGSTTRVNSTANAETQATS
AFOTOKPLKSTSLSLFYKKVYRLAYLRLNTLCERLLSEHP
                                             (674)
                                             (714)
ELEHIIWTLFQHTLQNEYELMRDRHLDQIMMCSMYGICKV
KNIDLKFKIIVTAYKDLPHAVQETFKRVLIKEEEYDSIIV
                                             (754)
                                             (794)
FYNSVFMORLKTNILQYASTRPPTLSPIPHIPRSPYKFPS
SPLRIPGGNIYISPLKSPYKISEGLPTPTKMTPRSRILVS
                                             (834)
IGESFGTSEKFQKINQMVCNSDRVLKRSAEGSNPPKPLKK
                                             (874)
                                             (914)
LRFDIEGSDEADGSKHLPGESKFQQKLAEMTSTRTRMQKQ
                                             (928)
KMNDSMDTSNKEEK
```

```
single-letter abbreviations for the amino acid residues are: A, Ala; C, Cys; D, Asp; E, Gly; F, Phe; G, Gly; H, His; I, Ile; K, Lys; L, Leu; M, Met; N, Asn; P, Pro; Q, Gln; R, Arq; S, Ser; T, Thr; V, Val; W, Trp; and Y, Tyr.--
```

Please replace paragraph [153] beginning at page 27, line 15, with the following:

[153] -- The amino acid sequence (Table 1; SEQ ID NO:2) is written in the abbreviation code recognized in the art. Single-letter abbreviations for the amino acid residues are: A = Alanine, C = Cysteine, D = Aspartic acid, E = Glutamic Acid, F = Phenylalanine, G = Glycine, H = Histidine, I = Isoleucine, K = Lysine, L = Leucine, M = Methionine, N =

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Asparagine, P = Proline, Q = Glutanine, R = Arginine, S = Serine, T = Threonine, V = Valine, W = Tryptophane and Y = Tyrosine.--

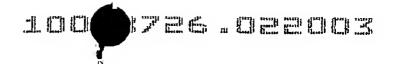
Please replace paragraph [225] beginning at page 27, line 15, with the following:

[225] --Pending U.S. patent application Serial No. 108,748 discloses and claims the RB gene and its clone. The RB gene and its clone had the nucleotide and amino acid sequences sequence depicted in <u>Table 4 Table 2 (SEQ ID NOS:1 and 2)</u>.

TABLE 4

TTC	CGGT'	rtt :	rctc <i>i</i>	AGGG	GA CO	STTG	AAATI	TAT	rttt(STAA	CGG	GAGT	CGG (GAGA	GACG	3	60
GGC	GTGC	ccc c	GCGT	GCGCC	GC G	CGTC	TCCT	CCC	CCGG	CGCT	ССТС	CCAC	AGC '	rcgc	rggct	2	120
CCG	CCGC	GGA A	AAGG	CGTC										GCC			171
					Met	Pro	Pro	Lys	Thr	Pro	Arg	Lys	Thr	Ala	<u>Ala</u>		
•					1				5					10			
ACC	GCC	GCC	GCT	GCC	GCC	GCG	GAA	CCC	CCG	GCA	CCG	CCG	CCG	CCG	CCC	;	219
														Pro			
			15					20					25				
														CTG			<u> 267</u>
Pro	Pro	Glu	Glu	Asp	Pro	Glu		Asp	Ser	Gly	Pro		Asp	Leu	Pro		
		30					35_		- "			40					
am.a	~~~		com.m.	G 3 G	mmm	~~~	<i>(</i> 133	7 (7 7	~ ~ ~ ~	~ 1 7 7	COTT	CAM	mmm	N CITT	CCA	,	315
															GCA		313
<u>ьеи</u>	<u>va_r</u> 45	Arg	ьеи	GIU	Pile	50	GIU	TILL	Giu	GIU	55	ASD	FIIC	Thr	ALG		
	43					- 50											
TTA	TGT	CAG	AAA	TTA	AAG	ATA	CCA	GAT	CAT	GTC	AGA	GAG	AGA	GCT	TGG	;	363
Leu														Ala			
60					65					70					75		
														GGT			<u>411</u>
Leu	Thr	Trp	Glu		Val	Ser	Ser	Val		Gly	Val	Leu	Gly	Gly	Tyr		
			.,	80					85					90			
א חווחו	<i>(</i> 12, 23, 24, 24, 24, 24, 24, 24, 24, 24, 24, 24	7 7 C	አ አ አ	א א כי	C 7 7	CTC	TCC	CCA	አጥ ሮ	ייכיי	አጥ ሮ	աա	עיייע	GCA	GCA		459
														Ala			= 3 3
116	<u> </u>	<u>uys</u>	95	Llys	Olu	БСи	<u> </u>	100		<u> </u>			105				
		-															
GTT	GAC	CTA	GAT	GAG	ATG	TCG	TTC	ACT	TTT	ACT	GAG	CTA	CAG	AAA	AAC		507
														Lys			
		110					115					120					





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ATA	GAA	ATC	AGT	GTC	CAT	AAA	TTC	TTT	AAC	TTA	CTA	AAA	GAA	ATT	GAT	555
Ile	Glu	Ile	Ser	Val	His	Lys	Phe	Phe	Asn	Leu	Leu	Lys	Glu	Ile	Asp	
	125					130					135					
ልሮሮ	ΔСΤ	ACC	מממ	GTT	GAT	ΔΔΤ	GCT	AТG	TCA	AGA	CTG	TTG	AAG	AAG	TAT	603
					Asp										Tyr	
140					145					150					155	
			`													
					CTC		***************************************									651
Asp	Val	Leu	Phe		Leu	Phe	Ser	Lys		Glu	Arg	Thr	Cys		Leu	
				160					165					170		
מידמ	ייביי	ጥፐር	ACA	CAA	CCC	AGC	AGT	TCG	ATA	TCT	ACT	GAA	АТА	AAT	TCT	699
					Pro											
			175					180					185			
	•															
					GTT								•			747
Ala	Leu		Leu	Lys	Val	Ser		lle	Thr	Phe	Leu		Ala	Lys	GIY	
		190					195				···	200				
GAA	GTA	σττ	$C\Delta\Delta$	ΔTG	GAA	ТАЮ	GAT	CTG	GTG	ATT	TCA	TTT	CAG	TTA	ATG	795
					Glu											
	205					210					215		.,			

CTA			CTT								CCT					843
	Cys	Val	Leu	Asp	Tyr	Phe	Ile	Lys	Leu		Pro	Pro	Met	Leu	235	
220					225					230					233	•
AAA	GAA	CCA	TAT	AAA	ACA	GCT	GTT	ATA	CCC	ATT	AAT	GGT	TCA	CCT	CGA	891
					Thr											
				240			· · · · · · · · · · · · · · · · · · ·		245					250		
			~~~	~~	~~~	7 7 C	3.00	7 CI	GG7	aaa	7 CO 7	007	א א א א	<b>~</b> ~ ~ ~	CITIA	020
															CTA	939
Thr	PIO	Arg	255	GIY	Gln	ASII	Arg	260	Ala	Arg	116	AIG	265	GIII	пец	
			233					200								
GAA	AAT	GAT	ACA	AGA	ATT	ATT	GAA	GTT	CTC	TGT	AAA	GAA	CAT	GAA	TGT	987
Glu	Asn	Asp	Thr	Arg	Ile	Ile	Glu	Val	Leu	Cys	Lys	Glu	His	Glu	Cys	
		270					275	•			<u>-</u> .	280				
2200	א ניון א	CI N ITT	<b>a a a</b>	ama	71 71 71 T	ייי א א	COTO	ייי אייי	ጥጥረ	א א א	אתת	ப்பர்	አጥአ	CCT	TTT	1035
		-			Lys											
ASII	285	Азр	Giu	Val	шуз	290	VCL	<u> </u>	1110	<u> </u>	295	1 ++-				
															GAA	1083
-	Asn	Ser	Leu	Gly	Leu	Val	Thr	Ser	Asn		Leu	Pro	Glu	Val		
300					305					310					315	
יטעע	COTO	ጥርሙ	አአአ	רכז	ጥልሮ	CDV	CDV	ייייי ע	יד∆יד	لىشىك	מממ	ጥፈፈ	מממ	ርልጥ	CTA	1131
					Tyr											<u> </u>
7211	س- بر		<u> </u>	320	<u> </u>				325		<u> </u>		<u>-1-</u>	330		
				- <del></del>				_				· · · · · · · · · · · · · · · · · · ·				

**PATENT** LEE et al. Application No.: 10/028,726 Page 6 GAT GCA AGA TTA TTT TTG GAT CAT GAT AAA ACT CTT CAG ACT GAT TCT 1179 Asp Ala Arg Leu Phe Leu Asp His Asp Lys Thr Leu Gln Thr Asp Ser 340 335 345 ATA GAC AGT TTT GAA ACA CAG AGA ACA CCA CGA AAA AGT AAC CTT GAT 1227 Ile Asp Ser Phe Glu Thr Gln Arg Thr Pro Arg Lys Ser Asn Leu Asp 355 360 350 GAA GAG GTG AAT GTA ATT CCT CCA CAC ACT CCA GTT AGG ACT GTT ATG 1275 Glu Glu Val Asn Val Ile Pro Pro His Thr Pro Val Arg Thr Val Met 370 375 365 1323 AAC ACT ATC CAA CAA TTA ATG ATG ATT TTA AAT TCA GCA AGT GAT CAA Asn Thr Ile Gln Gln Leu Met Met Ile Leu Asn Ser Ala Ser Asp Gln 390 395 380 385 CCT TCA GAA AAT CTG ATT TCC TAT TTT AAC AAC TGC ACA GTG AAT CCA 1371 Pro Ser Glu Asn Leu Ile Ser Tyr Phe Asn Asn Cys Thr Val Asn Pro 405 410 400 AAA GAA AGT ATA CTG AAA AGA GTG AAG GAT ATA GGA TAC ATC TTT AAA 1419 Lys Glu Ser Ile Leu Lys Arg Val Lys Asp Ile Gly Tyr Ile Phe Lys 420 425 415 GAG AAA TTT GCT AAA GCT GTG GGA CAG GGT TGT GTC GAA ATT GGA TCA 1467 Glu Lys Phe Ala Lys Ala Val Gly Gln Gly Cys Val Glu Ile Gly Ser 435 440 430 CAG CGA TAC AAA CTT GGA GTT CGC TTG TAT TAC CGA GTA ATG GAA TCC 1515 Gln Arg Tyr Lys Leu Gly Val Arg Leu Tyr Tyr Arg Val Met Glu Ser 445 450 455 ATG CTT AAA TCA GAA GAA GAA CGA TTA TCC ATT CAA AAT TTT AGC AAA 1563 Met Leu Lys Ser Glu Glu Glu Arg Leu Ser Ile Gln Asn Phe Ser Lys 470 465 460 CTT CTG AAT GAC AAC ATT TTT CAT ATG TCT TTA TTG GCG TGC GCT CTT 1611 Leu Leu Asn Asp Asn Ile Phe His Met Ser Leu Leu Ala Cys Ala Leu 485 490 480 GAG GTT GTA ATG GCC ACA TAT AGC AGA AGT ACA TCT CAG AAT CTT GAT 1659 Glu Val Val Met Ala Thr Tyr Ser Arg Ser Thr Ser Gln Asn Leu Asp 495 500 505 1707 TCT GGA ACA GAT TTG TCT TTC CCA TGG ATT CTG AAT GTG CTT AAT TTA Ser Gly Thr Asp Leu Ser Phe Pro Trp Ile Leu Asn Val Leu Asn Leu 515 520 AAA GCC TTT GAT TTT TAC AAA GTG ATC GAA AGT TTT ATC AAA GCA GAA Lys Ala Phe Asp Phe Tyr Lys Val Ile Glu Ser Phe Ile Lys Ala Glu 535 530

2427

**PATENT** LEE et al. Application No.: 10/028,726 Page 7 GGC AAC TTG ACA AGA GAA ATG ATA AAA CAT TTA GAA CGA TGT GAA CAT 1803 Gly Asn Leu Thr Arg Glu Met Ile Lys His Leu Glu Arg Cys Glu His 545 550 CGA ATC ATG GAA TCC CTT GCA TGG CTC TCA GAT TCA CCT TTA TTT GAT 1851 Arg Ile Met Glu Ser Leu Ala Trp Leu Ser Asp Ser Pro Leu Phe Asp 560 565 570 CTT ATT AAA CAA TCA AAG GAC CGA GAA GGA CCA ACT GAT CAC CTT GAA 1899 Leu Ile Lys Gln Ser Lys Asp Arg Glu Gly Pro Thr Asp His Leu Glu 580 585 575 TCT GCT TGT CCT CTT AAT CTT CCT CTC CAG AAT AAT CAC ACT GCA GCA 1947 Ser Ala Cys Pro Leu Asn Leu Pro Leu Gln Asn Asn His Thr Ala Ala 595 600 590 GAT ATG TAT CTT TCT CCT GTA AGA TCT CCA AAG AAA AAA GGT TCA ACT 1995 Asp Met Tyr Leu Ser Pro Val Arg Ser Pro Lys Lys Gly Ser Thr 610 615 605 ACG CGT GTA AAT TCT ACT GCA AAT GCA GAG ACA CAA GCA ACC TCA GCC 2043 Thr Arg Val Asn Ser Thr Ala Asn Ala Glu Thr Gln Ala Thr Ser Ala 630 635 625 620 TTC CAG ACC CAG AAG CCA TTG AAA TCT ACC TCT CTT TCA CTG TTT TAT 2091 Phe Gln Thr Gln Lys Pro Leu Lys Ser Thr Ser Leu Ser Leu Phe Tyr 650 640 645 AAA AAA GTG TAT CGG CTA GCC TAT CTC CGG CTA AAT ACA CTT TGT GAA 2139 Lys Lys Val Tyr Arg Leu Ala Tyr Leu Arg Leu Asn Thr Leu Cys Glu 660 665 655 CGC CTT CTG TCT GAG CAC CCA GAA TTA GAA CAT ATC ATC TGG ACC CTT 2187 Arg Leu Leu Ser Glu His Pro Glu Leu Glu His Ile Ile Trp Thr Leu 675 680 670 2235 TTC CAG CAC ACC CTG CAG AAT GAG TAT GAA CTC ATG AGA GAC AGG CAT Phe Gln His Thr Leu Gln Asn Glu Tyr Glu Leu Met Arg Asp Arg His 695 690 685 TTG GAC CAA ATT ATG ATG TGT TCC ATG TAT GGC ATA TGC AAA GTG AAG 2283 Leu Asp Gln Ile Met Met Cys Ser Met Tyr Gly Ile Cys Lys Val Lys 715 700 705 710 AAT ATA GAC CTT AAA TTC AAA ATC ATT GTA ACA GCA TAC AAG GAT CTT 2331 Asn Ile Asp Leu Lys Phe Lys Ile Ile Val Thr Ala Tyr Lys Asp Leu 720 725 730 CCT CAT GCT GTT CAG GAG ACA TTC AAA CGT GTT TTG ATC AAA GAA GAG 2379 Pro His Ala Val Gln Glu Thr Phe Lys Arg Val Leu Ile Lys Glu Glu 740 735

GAG TAT GAT TCT ATT ATA GTA TTC TAT AAC TCG GTC TTC ATG CAG AGA

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GGATTCATTG TCTCTCACAG ATGTGACTGT AT

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## TABLE-4

<del>TTC(</del>	CGGT	FTT	TCTC.	ACCC(	CA-CO	TTC/	\AAT?	r AT	<del>rttt</del> (	AATE	CCC	ACT	ecc-(	SAGA	GGACG	G 60
eeee	TGC	ecc-	GCGT	<del>cccc</del>	SC C	CTC	STCC	r cc	eeee	CCT	CCT	CCAC	<del>√GC -</del>	rece:	FGGCT	C 126
<del></del>	ECGC	GGA-	AACC	CGTC-	Met	Pro	Pro	AAA Lys	-Thr	Pro	Arg	Lys	Thr	Ala		171
	Ala	Ala	GCT Ala	Ala	GCC Ala	GCG Ala	GAA Glu	CCC Pro	-CCG -Pro	GCA Ala	CCC Pro	CCG Pro	CCC Pro	- <del>cca</del>		215
Pro	Pro	Glu	GAG Glu	Asp-	Pro	Glu	Gln	Asp	Ser	Cly	-Pro-	Glu				267
<del>Leu</del>	Val	Arg	CTT Leu	-Glu	Phe	Glu	<del>Clu</del>	Thr	Glu	Glu	Pro					315
<del>Leu</del>	-Cys	Gln	- AAA - Lyo	-Leu	Lys	-Ile	Pro	Asp	His	<del>Val</del>	Arg	Glu	Arg	Ala	Trp	363
			GAG Glu	- <del>Lys</del>	Val	-Ser	<del>-Ser</del>		Asp	Gly	Val	Leu	Cly	Gly	TAT TYr	411
<del>Ile</del>	Gln	Lys	AAA Lya 95	- <del>Lys</del> -	<del>Clu</del>	-Leu-	Trp	Gly	Ile	Сув	<del>-Ile</del>	Phe	Ile			459
<del>Val</del>	Asp	Leu	CAT Asp	Glu	Met	Ser	Phe	Thr	Phe	Thr	<del>-Clu</del>	Leu				<del>507</del>
<del>Ile-</del>	Glu	-Ile	- AGT - Ser	Val	His	Lys	-Phe-	Phe	Asn	Leu	Leu					<del>555</del>
Thr	Ser	Thr	Lys	-Val	Asp	Asn	Ala	-Met	Ser	Arg	Leu	<del>Leu</del>	<del>-Lys</del> -	<del>-Lys</del>		603
			- TTT - Phe	Ala	- <del>Leu</del>	Phe	-Ser-		Leu	<del>-Glu</del>	Arg	Thr	<del>-Cys</del> -	<del>-Glu</del>	CTT Leu	<del>651</del>

**PATENT** 

PATENT LEE et al. Application No.: 10/028,726 Page 10 ATA TAT TTG ACA CAA CCC AGC AGT TCG ATA TCT ACT GAA ATA AAT TCT - 699 Ile Tyr Leu Thr Cln Pro Ser Ser Ser Ile Ser Thr Clu Ile Asn Ser <del>175 180 185</del> GCA TTG GTG CTA AAA GTT TCT TGG ATC ACA TTT TTA TTA GCT AAA GCG 747 Ala Leu Val Leu Lys Val Ser Trp Ile Thr Phe Leu Leu Ala Lys Cly 190 200 CAA CTA TTA CAA ATC CAA GAT CAT CTG GTG ATT TCA TTT CAC TTA ATC <del>-795</del> Glu Val Leu Gln Met Glu Asp Asp Leu Val Ile Ser Phe Gln Leu Met <del>205 210 215</del> CTA TGT GTC CTT CAC TAT TTT ATT AAA CTC TCA CCT CCC ATG TTG CTC 843 Leu Cys Val Leu Asp Tyr Phe Ile Lys Leu Ser Pro Pro Met Leu Leu 220 225 230 235 AAA CAA CCA TAT AAA ACA CCT GTT ATA CCC ATT AAT GGT TCA CCT CGA 891 Lys Clu Pro Tyr Lys Thr Ala Val Ile Pro Ile Asn Cly Ser Pro Arg ______<u>240</u> ______<u>245</u> _______<u>250</u> ACA CCC ACC CGA GGT CAG AAC ACC AGT GCA CGG ATA CCA AAA CAA CTA 939 Thr Pro Arg Gly Gln Asn Arg Ser Ala Arg Ile Ala Lys Gln Leu <del>255 260 265</del> CAA AAT CAT ACA ACA ATT ATT GAA GTT CTC TGT AAA GAA CAT GAA TGT 987 Glu Asn Asp Thr Arg Ile Ile Glu Val Leu Cys Lys Glu His Glu Cys <del>270 275 280</del> AAT ATA GAT GAC CTC AAA AAT CTT TAT TTC AAA AAT TTT ATA CCT TTT Asn Ile Asp Clu Val Lys Asn Val Tyr Phe Lys Asn Phe Ile Pro Phe <del>285 290 295</del> ATC AAT TCT CTT GGA CTT GTA ACA TCT AAT GGA CTT CCA GAG GTT CAA Met Asn Ser Leu Gly Leu Val Thr Ser Asn Gly Leu Pro Glu Val Glu 300 310 315 AAT CTT TCT AAA CGA TAC GAA GAA ATT TAT CTT AAA AAT AAA GAT CTA Asn Leu Ser Lys Arg Tyr Glu Glu Ile Tyr Leu Lys Asn Lys Asp Leu 320 325 330 CAT CCA ACA TTA TTT TTC CAT CAT CAT AAA ACT CTT CAG ACT CAT TCT Asp Ala Arg Leu Phe Leu Asp His Asp Lys Thr Leu Cln Thr Asp Ser <del>335 340 - 345</del> ATA CAC ACT TTT GAA ACA CAC AGA ACA CCA CGA AAA ACT AAC CTT GAT Ile Asp Ser Phe Clu Thr Cln Arq Thr Pro Arg Lys Ser Asn Leu Asp _____<u>355</u>_____<u>360</u> CAA GAG GTG AAT GTA ATT CCT CCA CAC ACT CCA GTT AGG ACT GTT ATG 1275 Clu Clu Val Asn Val Ile Pro Pro His Thr Pro Val Arg Thr Val Met

<del>365</del> <del>370</del> <del>375</del>

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AAC ACT ATC CAA CAA TTA ATG ATG ATT TTA AAT TCA GCA AC	
Asn Thr Ile Gln Gln Leu Met Met Ile Leu Asn Ser Ala Se	
385 390	<del>395</del>
CCT TCA GAA AAT CTC ATT TCC TAT TTT AAC AAC TGC ACA GT	
Pro Ser Glu Asn Leu Ile Ser Tyr Phe Asn Asn Cys Thr Va	
400 405	<del>410</del>
AAA GAA AGT ATA CTC AAA AGA GTG AAG GAT ATA GGA-TAC AT	C TTT AAA 1419
Lys Glu Ser Ile Leu Lys Arg-Val Lys Asp Ile Gly Tyr Il	<del>e Phe-Lys</del>
415 420 420	
GAG AAA TTT GCT AAA GCT GTG GGA CAG CGT TGT GTG GAA AT	T GGA TCA 1467
Glu Lys Phe Ala Lys Ala Val Gly Gln Gly Cys Val Glu Il	
435 440	•
CAG CGA TAC AAA CTT GGA GTT CGC TTG TAT TAC CGA GTA AT	G CAA TCC 1515
Gln Arg Tyr Lys Leu Gly Val Arg Leu Tyr Tyr Arg Val Me	
445 450 455	
ATC CTT AAA TCA GAA GAA GAA CGA TTA TCC ATT CAA AAT T	TT ACC AAA 1563
Met Leu Lys Ser Glu Glu Glu Arg Leu Ser Ile Gln Asn Ph	
460 465 470 —	
CTT CTC AAT GAC AAC ATT TTT CAT ATG TCT TTA TTC GCG TG	C GCT CTT 1611
Leu Leu Asn Asp Asn Ile Phe-His Met Ser Leu Leu Ala Cy	
480 -485	<del>- 490</del>
CAC GTT GTA ATG GCC ACA TAT AGC AGA AGT ACA TCT CAC AA	T CTT GAT 1659
Clu Val -Val Met Ala -Thr -Tyr Ser Arg Ser -Thr -Ser Gln -As	n <del>Leu Asp</del>
<del></del>	5
TCT GGA ACA GAT TTG TCT TTC CCA TGG ATT CTG AAT GTG CT	T AAT TTA 1707
Ser Cly Thr Asp Leu Ser Phe Pro Trp Ile Leu Asn Val Le	
<del>510</del> <del>515</del> <del>520</del>	
AAA GCC TTT GAT TTT TAC AAA GTG ATC GAA AGT TTT ATC AA	A GCA GAA 1755
Lys Ala Phe Asp Phe Tyr Lys Val Ile Glu Ser Phe Ile Ly	
<del></del>	
GGC AAC TTG ACA AGA GAA ATG ATA AAA CAT TTA GAA GGA TG	T CAA CAT 1803
Cly Asn Leu Thr Arg Glu Met Ile Lys His Leu Glu Arg Cy	
540 545 550	
CCA ATC ATC CAA TCC CTT GCA TCC CTC TCA GAT TCA CCT TT	<u> </u>
Arg Ile Met Clu Ser Leu Ala Trp Leu Ser Asp Ser Pro Le	
<u>560</u> <u>565</u>	<del>- 570</del>
CTT ATT AAA CAA TCA AAG GAC CGA GAA GGA CCA ACT GAT CA	C CTT CAA 1900
Leu Ile Lys Gln Ser Lys Asp Arg Glu Gly Pro Thr Asp Hi	
575 580 580 580	

**PATENT** LEE et al. Application No.: 10/028,726 Page 12 TCT GCT TGT CCT CTT AAT CTT CCT CTC CAG AAT AAT CAC ACT CCA GCA 1947 Ser Ala Cys Pro Leu Asn Leu Pro Leu Cln Asn Asn His Thr Ala Ala GAT ATC TAT CTT TCT CCT GTA AGA TCT CCA AAC AAA AAA GGT TCA ACT 1995 Asp Met Tyr Leu Ser Pro Val Arg Ser Pro Lys Lys Cly Ser Thr <del>- 605 - 610 - 615</del> ACC CCT CTA AAT TCT ACT GCA AAT CCA CAG ACA CAA CCA ACC TCA GCC 2043 Thr Arg Val Asn Ser Thr Ala Asn Ala Glu Thr Cln Ala Thr Ser Ala 620 635 TTC CAG ACC CAG AAG CCA TTG AAA TCT ACC TCT CTT TCA CTG TTT TAT 2091 Phe Cln Thr Cln Lys Pro Leu Lys Ser Thr Ser Leu Ser Leu Phe Tyr 645 650 AAA AAA GTG TAT CGG CTA GCC TAT CTC CGG CTA AAT ACA CTT TGT GAA 2139 Lys Lys Val Tyr Arg Leu Ala Tyr Leu Arg Leu Asn Thr Leu Cys Glu _____655 _____660 ____665 CGC CTT CTG TCT CAC CAC CCA GAA TTA GAA CAT ATC ATC TGG ACC CTT -2187Arg Leu Leu Ser Clu His Pro Glu Leu Clu His Ile Ile Trp Thr Leu <del>-----670 ------675 -----680</del> TTC CAG CAC ACC CTG CAC AAT GAG TAT GAA CTC ATG AGA GAC AGG CAT Phe Gln His Thr Leu Gln Asn Glu Tyr Glu Leu Met Arg Asp Arg His TTC CAC CAA ATT ATG ATG TGT TCC ATG TAT GGC ATA TGC AAA GTG AAC Leu Asp Gln Ile Met Met Cys Ser Met Tyr Gly Ile Cys Lys Val Lys 700 715 715 AAT ATA GAC CTT AAA TTC AAA ATC ATT GTA ACA GCA TAC AAG GAT CTT 2331 Asn Ile Asp Leu Lys Phe Lys Ile Ile Val Thr Ala Tyr Lys Asp Leu CCT CAT GCT GTT CAG GAG ACA TTC AAA CGT GTT TTC ATC AAA GAA GAG Pro His Ala Val Gln Glu Thr Phe Lys Arg Val Leu Ile Lys Glu Glu CAC TAT GAT TCT ATT ATA GTA TTC TAT AAC TCG GTC TTC ATG CAC AGA Glu Tyr Asp Ser Ile Ile Val Phe Tyr Asn Ser Val Phe Met Gln Arg <del>750 755 760</del> CTC AAA ACA AAT ATT TTG CAG TAT GCT TCC ACC AGG CCC CCT ACC TTG 2475 Leu Lys Thr Asn Ile Leu Cln Tyr Ala Ser Thr Arg Pro Pro Thr Leu 770 775 TCA CCA ATA CCT CAC ATT CCT CGA ACC CCT TAC AAC TTT CCT ACT TCA 2523 Ser Pro Ile Pro His Ile Pro Arg Ser Pro Tyr Lys Phe Pro Ser Ser 780 785 790 795

**PATENT** LEE et al. Application No.: 10/028,726 Page 13 CCC TTA CGG ATT CCT CGA CCG AAC ATC TAT ATT TCA CCC CTG AAC AGT 2571 Pro Leu Arg Ile Pro Cly Cly Asn Ile Tyr Ile Ser Pro Leu Lys Ser ______800 805 810 CCA TAT AAA ATT TCA CAA CGT CTC CCA ACA ACA ACA AAA ATG ACT CCA <del>- 2619</del> Pro Tyr Lys Ile Ser Clu Cly Leu Pro Thr Pro Thr Lys Met Thr Pro <del>815 820 825</del> AGA TCA ACA ATC TTA CTA TCA ATT GGT GAA TCA TTC GGG ACT TCT GAG 2667 Arg Ser Arg-Ile Leu Val Ser Ile Gly Glu Ser Phe Gly Thr Ser Glu 830 835 840 AAG TTC CAC AAA ATA AAT CAC ATC GTA TGT AAC ACC GAC CGT GTG CTC Lys Phe Gln Lys Ile Asn Gln Met Val Cys Asn Ser Asp Arg Val Leu <del>845 850 855</del> Lys Arg Ser Ala Glu Cly Ser Asn Pro Pro Lys Pro Leu Lys Lys Leu 860 865 870 875 CGC TTT GAT ATT CAA CGA TCA GAT GAA GCA GAT GGA AGT AAA CAT CTC Arg Phe Asp Ile Clu Cly Ser Asp Clu Ala Asp Cly Ser Lys His Leu <del>880 885 890</del> CCA GGA GAG TCC ANA TTT CAG CAG ANA CTG GCA GAA ATG ACT TCT ACT Pro Gly Glu Ser Lys Phe Gln Gln Lys Leu Ala Glu Met Thr Ser Thr CGA ACA CGA ATC CAA AAG CAC AAA ATG AAT GAT ACC ATG GAT ACC TCA Arq Thr Arq Met Gln Lys Gln Lys Met Asn Asp Ser Met Asp Thr Ser 910 915 920 AAC AAG GAA GAG AAA TGAGGATCTC AGGACCTTGG TGGACACTGT GTACACCTCT 2962 Asn Lys Clu Glu Lys <del>925</del> <del>_____299</del>4 CCATTCATTG TCTCTCACAG ATCTGACTGT AT

Please insert the accompanying paper copy of the Sequence Listing, page numbers 1 to 10, at the end of the application.